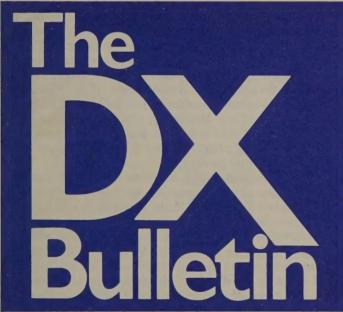
DXpedition News

Cambodia - XU Mike Vestal VS6WV returns to
Cambodia as XU6WV Jan. 26-Feb. 2, operating mostly
CW at 04 or 23 kHz up, listening up. Mostly 40 and 80
meters, with some 20. If he can get appropriate
antennas up, he'll be in the 160-meter CW contest Jan.
26-28. He plans to move to Phnom Penh in early
February, if his amateur license holds up. On his
January visit, he was logged on 3511 kHz at 1400Z and
7007 kHz at 11 and 1700Z. Sunrise 2330Z; sunset

Cayman Islands - ZF Dick Wilder K3DI will operate the ARRL CW contest Feb. 17-18 as ZF2OP, probably QRP but maybe low power, if conditions don't permit QRP operation. QSL to home address: 913 Shore Acres Road, Arnold MD 21012-1724.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Vietnam - 3W JH3GRE, JA3UB, and JR3MVF will be in Ho-Chi-Minh City Feb. 9-15, rebuilding the club station there, and operating on 160-6 meters. Callsign and QSL route to be announced. Skeds may be requested via JH3GRE's fax at 81-727-22-5959.

Turks & Caicos - VP5 Joe Pontek K8JP will operate the ARRL CW contest as VP5JP, single-op, all-band. Outside the contest, Feb. 11-19, he'll be active as VP5/K8JP, concentrating on CW, the low bands, and the new bands. Most of the operation will be from Provo (NA-002) but he and Jody VP5JM will overnight on Salt Cay (NA-002) before the contest. QSL to his new address: P. O. Box 59573, Schaumburg IL 60159-0573.

Shortly Noted

- P40WA is the new callsign of John Goller K9UWA, replacing P40I, until Jan. 29, including the CQWW 160-meter CW contest. QSL via the W9 bureau or direct with SASE to K9UWA at 4836 Ranch Road, Leo IN 46765.
- AL7EL/KH9 should be confirmed via Lloyd Westbrook K4HQI, P. O. Box 638, Commerce GA 30529-0638. [The news release had the box number incorrect as 368.]
- YB2ARW shuts down on Feb. 12 and returns to the States. He is on 17-meter SSB beginning about 2300Z, moving to 20-meter SSB as propagation changes.
- XV7SW will try 1827 kHz at his sunrise around 2330Z. He runs barefoot, and has trouble hearing, due to local noise.
- 3W5FM is in Moscow but expects to return to Vietnam in March.
- GU3HFN will be active the second night of the CQWW 160-meter CW contest Jan. 27-28, running barefoot into a low dipole. QSL this club station via the RSGB bureau or direct to P. O. Box 100, Guernsey GY1 3EL, United Kingdom.
- JX7FD should be on from Jan Mayen by the end of January.
- 3B8/DL6UAA is on Mauritius Jan. 26-Feb. 12 (DXNS.)
- KH8/IK2GNW is Adriano IK2GNW, Feb. 18-22, mostly SSB with some CW and RTTY, looking for Europe. Try 3800 kHz at 1630Z, listening down. QSL home call. (*DXNS*.)
- 5W1NW is the requested callsign of IK2GNW, Feb. 23-25. Same info as above.
- A35NW is the requested call of IK2GNW Feb. 25-29; see above.
- XZ1R will be operated by Pekka OH1RY and OH1MA Jan. 26-Feb. 3.
- 9A/K4XU will be active in February from the 9A1A club station.
- CP1/N9RPC is now active from La Paz; QSL via K1SE.
- 4F1UFD is Arie PA3WG until the end of January, on 14260 and 14026 kHz.

Islands On The Air

- PY: Paz Island (SA-027) will be active Jan. 26-28, on CW and SSB, 80-10 meters. Callsign not yet known, but QSL route is via PP5LL. Try the IOTA frequencies.
- LU5E/p and other special callsigns will be active from Del Sur Island (SA-022) Feb. 16-18 on the IOTA and DXpedition frequencies. QSL to IK2HTW. Operators include LU5EWO, LU7DP, LU4DFH, and LU1EYW.
- A35RK: Paul Kidd KK6H will be active from Tongatapu (OC-049), Ha'apai (OC-169), and Vava'u (OC-064) Feb. 20-Mar. 20, mostly CW and RTTY, with itinerary to be determined upon arrival in Tonga. Try 17-1900Z and 05-0900Z. QSL to Bob Preston W7TSQ, 809 Cary Rd., Edmonds WA 98020 or via the W7 bureau.

Propagation

Forecast and Historical Data

Day Forecast	27 D	ays E	Before		55 Da	ys Before
January, 1996	Date	Flux	A	K	Date F	lux A K
26 Above Normal	12/30	75	01/03	0	12/2	73 10/11 1
27 High Normal	12/31	75	07/07	1	12/3	73 07/07 3
28 Above Normal	1/1	75	03/03	2	12/4	73 16/17 0
29 Above Normal	1/2	75	04/04	2	12/5	74 02/04 1
30 High Normal	1/3	81	08/06	1	12/6	74 02/03 1
31 Above Normal	1/4	86	03/03	1	12/7	74 03/03 1
February, 1996						
1 Above Normal	1/5	85	06/05	1	12/8	74 01/02 1
2 Above Normal	1/6	83	05/04	1	12/9	74 08/08 1
3 Above Normal	1/7	83	02/03	1	12/10	73 04/04 0
4 Above Normal	1/8	79	01/02	1	12/11	73 01/03 0
5 Above Normal	1/9	76	01/01	1	12/12	72 04/04 3
6 Above Normal	1/10	74	02/01	2	12/13	73 00/01 0
7 Above Normal	1/11	71	02/03	1	12/14	70 02/03 1
8 Above Normal	1/12	70	06/04	1	12/15	70 10/11 2
9 Disturbed	1/13	69	25/35	3	12/16	70 22/19 2
10 Below Normal	1/14	70	19/23	3	12/17	69 09/08 2
11 High Normal	1/15	70	12/12	2	12/18	69 02/04 1
12 High Normal	1/16	70	06/06	1	12/19	69 04/05 1
Propagation						

Propagation

The sun is mostly spotless these days, which keeps solar flux levels and maximum useable frequencies (MUFs) low. Solar flux is again hovering near 70, just above its theoretical minimum. While always possible, don't count on a return to flux levels in the 80s as we enjoyed in early January. (Should that happen, however, be prepared to try higher bands in likely directions.)

Considering the low level of solar activity, conditions should be good until the seconf week of February, when we will probably be hit by some coronal-hole caused problems. When the geomagnetic field is quiet, look for good openings on the lower bands, including 160 meters in the hours before sunrise. Also in the absence of geomagnetic activity, look for long-path signals on 40, 30, and 20 meters in the early morning, to the west and southwest. Good hunting!

Contributors

This Issue made possible by: GU3MBS, JH1ROJ, KØCX, KØDEQ, KØHB, KØPP, K3DI, K4II, K4IQJ, K4LNA, K5OVC, K8JLF, K8JP, K9UWA, KA7T, KJ4JH, KK6H, KM9J, KSØM, KZØX, LU5EWO, N2GLH, N4UU, N6EK, PS7AB, VE9RJ, VS6WV, WØIJN, WØRXL, W1BFT, W1FV, W1NH, W1WA, W4LCL, W4VQ, W9LNQ, W9RXJ, WB2DND, WB2MJQ, WB8ZRL, WDØGLF, WO6R, DXNS, and WU6T. Many thanks! -ed.

DXCC 50th Anniversary Certificates

These handsome awards are still available; send your list of at least 100 DXCC countries worked on or after Nov. 15, 1995 to The DX Bulletin, P. O. Box 50, Fulton CA 95439. Find out how much DX is available at the bottom of the sunspot cycle!

Heard Island Update

by Robert Schmieder KK6EK

Over the past month we have been reorganizing the expedition to Heard Island for the 1996-97 season. We are pleased to announce the initial selection of team members: EA8AFJ Michel Sabatino; HB9AHL Willy Rusch; KA6W Ted Algren; KØIR Ralph Fedor; KK6EK Robert Schmieder; N6EK Bob Fabry; NP4IW Carlos Nascimento; ON6TT Peter Casier; PA3DUU Arie Nugteren; and RA3AUU Igor Harry Booklan .

We still have a substantial number of persons who have expressed interest in participating, and we are working through the list. For a short time, we will consider additional candidates for the team. We expect to announce the balance of the team on January 31.

During the past month several persons suggested that we delay the expedition by another year, in order to take advantage of better propagation as we move into the new solar cycle. It was also suggested that we attempt to activate several islands on the same trip, and it was suggested that our group abandon our plans entirely.

We welcomed all these suggestions, and studied them seriously. In addition to enjoying better propagation, a delay might enable us to obtain less expensive transportation. It might also enable us to find sources of corporate or foundational support that normally have a longer planning time. On the other hand, abandonment of the present project would mean abandoning our supporters, and complete loss of our investment, which is very great. We certainly do not want anyone to feel that we are not committed to the project, or that they cannot count on us to deliver what we promise.

In considering these ideas, we sought the advice of a large number of outside persons, most of whom are accomplished DXers. The input we received was very strongly in favor of continuing with the present plan. Therefore, we did decide to continue, and do so with confidence that we will succeed. We have all the equipment, a superb team, and the organization needed to do it safely and to satisfy the desires of the radio amateur community. The best estimate of schedule would have us on Heard Island in early January, operating for 3 weeks.

The budget for this expedition totals \$320K. We plan to raise that by including 20 participants at \$10K each, leaving another \$120K to raise. We need your help to reach this goal. Numerous foundations and clubs have already made major commitments of support, for which we are grateful. We would welcome additional individual, club, and corporate support.

If you have the software for the World Wide Web, we invite you to look at the scoping document for this expedition, which can be found at: http://www.ccnet.com/~cordell/HI/scoping
As always, we welcome your ideas and suggestions.
Bob KK6EK and Peter ON6TT

Scarborough Reef New DXCC Country

At the meeting of the ARRL Board of Directors last weekend, the Board members voted in favor of adding Scarborough Reef to the DXCC countries list. The official announcement with dates, when to submit cards, etc., isn't out yet, so hold off sending in your BS7H cards.

$B \cdot A \cdot N \cdot D \cdot P \cdot A \cdot S \cdot S$

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet. All "portable" calls listed with country of operation first, regardless of format used on the air.

M W S 3 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 5 6 7 A 8 9 10

Diaimodes

EW80F 14089 1337 13 FL VK6GOM 14086 1336 13 FL

160 Meters

80 Meters

OO IVICE	CIO			
3B8CF	3507	0140	17	IA
5N3/	3511	0120	12	GA
SP5XAR				
5X4F	3501	0220	13	MO
5X4F	3501	2310	8	VA
9L1PG	3511	0215	21	IA
C31LJ	3507	0720	21	IA
CO7EH	3507	0052	20	FL
CT3FT	3506	0210	9	GA
EA8CN	3503	0012	17	FL
EU3FT	3506	2222	16	FL
EW3LB	3507	2300	16	IA
HP2CWB	3507	1138	7	NH
JA5DQH	3506	0925	14	NH
JA5DQH *	3502	2158	13	
JK10PL	3513	1224	13	FL
LU6Z	3508	0105	15	
OM2IB	3506	2326	10	MN
OX3XR	3504	1045	10	NH
P29PL	3505	0935	12	NH
PJ9JT	3508	0200	17	FL
R1FJZ	3502	0930	12	NH
RA9XBL	3511	1010	12	NH
RK2FWA	3511	0050	10	GA
RU3FM	3504	0401	12	SC
RW1ZMI	3501	1050	8	NH
SV9BAI	3504	0025	16	VA
TF3DX	3502	1135	10	NH

TF5DZ	3505	1125	7	NH
UAØFDX	3503	1305	12	MT
UA1ZO	3506	0950	10	NH
UA9XS	3511	1105	10	NH
UT5UIA	3507	2222	16	FL
UX5UO	3501	0100	10	GA
UY5MV	3532	0551	9	NY
V85HG *	3507	2205	13	MA
VK6HD	3505	1140	9	NH
VK6HD *	2509	2130	9	NH
VK9NS	3506	0955	12	NH
XE3ARV	3503	1100	7	NH
YL2PQ	3501	2240	7	VA
YV1NX	3506	1020	14	NH
ZL2AGY	3506	1033	7	NH

75 Meters

5NØMVF 3791 1250 15 MA 8R1AK 3791 1044 14 AR 9K2MU 3800 2158 15 MA A71DX 3799 2305 18 MA CO2CI 3796 1153 14 AB D44BC 3792 0735 15 IA EI6S 3789 0020 13 AR JA2VPO 3800 1210 8 VA OY9JD 3799 1016 11 AR P29PL 3798 1148 11 SV2ASP/A 3782 0541 10 AR 3799 T320 1132 9 AR 1123 10 AR TE3TE 3794 V51E 3785 0415 17 IA VK6LK * 3795 2135 15 MA VP2VF 3791 1042 14 AR WHØAAV 3795 1156 11 AR XT2JF 3790 0554 7 VA YU1XA 3799 2342 8 VA ZL4BO 3795 1150 16 MA

40 Meters

40 MICE	C12			
3B8CF	7005	0205	11	GA
3B8CF	7005	2200	4	VA
4X6RA	7007	0135	11	GA
4X6RA	7005	2245	20	IA
7Q7EH	7005	0110	10	GA
7X4AN	7004	2045	10	NH
9A1A	7012	2213	10	NH
9L1PG	7008	0025	15	IA
9Q2L	7002	2245	14	IA
9Q5MRC	7006	0125	18	MO
9Y4VU	7003	2130	10	NH
C21DX	7009	1250	9	VA
CO2JD	7011	0453	3	NH
CX5RV	14014	2343	1	NH
EA8HJ	7015	2340	15	FL.
EA8TB	7002	0016	17	FL
ES1WN	7005	1341	6	MN
EU3FT	7002	0135	11	GA
EW1BA	7010	0200	10	GA
EXØM	7003	1155	10	VA
EXØV	7009	1215	6	VA
EX7MM	7016	1210	6	VA
FK8GJ	7003	0650	18	IA
FP5EJ	7002	1217	11	AL

FR5DD	7001	2145	14	VA
FT5WE	7005	1633	18	ID
HC5AI	7007	1059	16	FL
HKØER	7007	0210	13	GA
HKØER	7007	2255	20	IA
HSØZAA	7002	2257	1	NH
J2ØRAD	7003	0315	15	MO
JD1AMA	7002	1142	13	AL
LU6Z	7007	2355	19	IA
LY1DR	7010	2256	10	MN
P4ØWA	7007	0158	17	FL
PJ2LC	7022	2341	15	FL
PJ9JT	7009	0138	14	MO
RASAUU	7011	1352	6	MN
RM9RM	7006	1240	10	VA
RVØAM	7001	1350	6	NH
RVØAM	7004	2340	14	IA
S51WO	7001	2122	8	NH
T99WW	7006	0015	11	CA
TA2BK	7002	0015	13	GA
TT8SS	7001	2235	20	IA
UK9AA	7010	1300	7	VA
UN7BY	7008	1158	8	VA
UN8BC	7014	1205	6	VA
UX5UO	7007	2309	9	MT
VKØWH	7009	1130	3	NB
VQ9DG	7005	1325	18	IA
VR2RJ	7006	1525	15	CA
XU6WV	7007	1250	13	VA
YO9AYN	7002	2055	7	MN
YV5DMM	7028	0501	3	NH
ZB2FK	7004	2300	15	MO
			_	

30 Meters

3DAØCA 10101 2111 13 FL ES5MC 10101 1400 14 GA **НВ9ММ** 10108 2001 14 NY HC5AI 10101 1229 13 FL 10108 2240 16 FL **ISØOMH** LA5ZC 10106 2134 12 SC OZ1GML 10101 1550 12 MN 2154 12 SC PJ2AM 10102 RØ/UR8LV 10102 2143 12 SC S51UF 2148 10 NY 10103 VK6BNE 10106 2239 16 FL

20 Meter CW

3DAØCA	14018	1830	12	VA
5N3/	14003	2110	14	VA
SP5XAR				
7Q7EH	14011	1806	2	NH
9A2HF	14017	1450	10	MN
9L1PG	14010	1410	6	NH
9Y4VU	14013	2112	8	NH
A92Q	14015	1405	14	GA
CP4X	14027	2212	1	NH
CU2BJ	14026	1325	13	FL
CU3CZ	14031	1318	20	FL
EA8AT	14035	1319	20	FL
EA8DA	14028	1810	2	NH
EA9PB	14006	1745	14	MO
EW1WZ	14007	1504	6	MN
FR5ZQ/G	14012	1845	17	IA

FY5YE	14004	2057	10	NH
HC5Al	14012	2345	1	NH
KC4/	14021	0100	9	GA
UA3YH				
LU6Z	14020	0130	9	GA
LU6Z	14019	1835	12	VA
LX1DA	14009	1339	13	FL
OA4FW	14004	1330	13	FL
OA4FW	14008	2316	13	NH
RA2FBC	14005	1416	14	FL
S92SS	14025	1945	14	VA
TU2XZ	14013	1948	7	MN
TU5FP	14020	1835	13	VA
TU5FP	14020	2235	16	FL
UA1ZO	14027	1834	3	NH
UY2LA	14004	2314	13	NH
V31RA	14031	1837	3	NH
V31RA	14038	2043	14	FL
VU2BK	14030	1317	20	FL
VU3VOA	14031	1505	2	VA
YI9CW	14008	1325	12	MA
YO7BUT	14003	1329	12	MN
YV1NX	14026	2115	8	NH

20 Meter SSB

17 Meter CW

9J2BO 18073 1654 8 VA LX1MU 18082 1415 6 NH SV9CVN 18085 1454 9 NY

17 Meter SSB

9L1PG 18132 1747 12 AR FG5HR 18137 1936 14 NY LU6Z 18127 1700 12 AR YB2ARW 18139 2356 12 MT

15 Meter SSB

5U7AA 21272 1537 6 VA 9J2GA 21205 1613 6 VA ZD9CR 21259 1747 8 VA

Current and Future DXpeditions

(Changes and ho				
DXCC Country	Prefix	Callsign	Dates	Issue
American Samoa	KH8	/IK2GNW	Feb. 18-22	1823
Antarctica	KC4	EM1KA	14260 0130Z	I821
	CE9/0	GONKZ	to Jan. 31	I821
Antigua	V2	V26AS	ARRL SSB	1822
Aruba	P4	P49I	Jan. 22-29	I819
The second second	300	P4/K2LE	Feb.1-17	1821
		P40MR/TR	Feb. 15-Mar.	
		P40WA	Jan. 14-29	I822
Bangladesh	S2	S21YE	14226 0030Z	1819
Barbados	8P	8P9DX	Jan. 20-Feb.	
Belize	V3	V31RL+	Feb. 3-14	I818
Delize	VS			
D 1-	T/DO	V31EV+	Feb. 14-19	I822
Bermuda	VP9	VP9NND	7025 0230Z	I821
Bolivia	CP1	/N9RPC	now active	1823
Burma	XZ	XZ1R	Jan. 26-Feb. 3	
Cambodia	XU	XU6WV	Jan. 26-Feb 2	1823
Cayman Islands	ZF	ZF2OP	Feb. 17-18	I823
Christmas Island	VK9	VK9XY	Feb. 4-13	I820
Cocos Keeling	VK9	VK9CR	Feb. 14-23	I820
Croatia	9A	/K4XU	Feb.	1823
Crozet	FT-W	FT5WE	7005 1600Z	I820
		FR5HR	Feb. 20+	I821
Fiji	3D2	/JI3DEY	Jan. 25-31	1822
Grand Cayman	ZF	ZF1JT	Mar. 7-12	1822
Guernsey Island	GU	GU3HFN	Jan. 27-28	1823
Indonesia	YB	YB2ARW	17M 2300Z+	
ITU Hq.	4U1II		to Mar.	1821
Jan Mayen	JX	JX4CJA+	Sept. 28-1996	
		JX7FD	Jan. 30+	I823
Kerguelen	FT/X		14136 kHz 09	Z I815
Kermadec	ZL8	ZL8RI	May 4-14	1820
Macquarie	VKØ	VKØWH	14039 1045Z	1820
Madagascar	5R	F2JD	JanJune	1820
Mauritius	3B8	/DL6UAA	to Feb. 12	1823
Midway	KH4	NH6D/	Jan. 15-29	I821
Monaco	3A	/I1YRL	to Mar.	I821
	1	3A2MD	14175 14-16Z	
Netherland Antill	00	PJ9JT	10103 kHz	I817
Netherland Antin	CS	PJ9Z	160M CW	
St Diorro & Mice	10100			I821
St. Pierre & Miqu		FP5EK	3515 2200Z	1822
San Andrés	HK0		M ARRL CW	1822
Seychelles	S7	S79XC	Feb. 19-Mar.	
South Orkneys	VP8	LU6Z	very active	I822
Tonga	A3	A35NW?	Feb. 25-29	I823
		A35RK	Feb. 20-Mar.	20 1823
Turks & Caicos	VP5	JJ2QEH+	Feb. 3-9	I821
		VP5JP	Feb. 11-19	I823
United Arab Emi	rates	A61AN	14220± 1400	Z 1820
Vietnam	3W	XV7SW	1827 2330Z	1823
		by JAs	Feb. 9-15	1823
Wake Island	KH9	DDXA	Feb. 1-7	1822
, une Island	KH9	W4PGX/	to Feb.	
Western Samoa				I818
	5W	5W1NW?	Feb. 23-25	1823
Zaire	9Q	9Q5MRC	back again	1803
Zone 2	VE	VE8TA	now active	I814

Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
160 Meters	JA3ONB	1909	1200Z
160 Meters	DJ6RX	1821	0500Z
Algeria	7X4AN	7005±	2045Z Wed.
Chad	TT8SS	7001	2230Z+
Chagos	VQ9DG	7005	13-1400Z
French Guiana	FY5YE	14004	2100Z
Gibraltar	ZB2FK	7004	2300Z
India	VU2BK	14030	1315Z
Kazakhstan	UN8BC	7020±	1200Z
Kazakhstan	UN7BY	7006	1200Z
Malawi	7Q7EH	14010	1800Z
Mauritius Island	3B8CF	3507	0140Z
Qatar	A71DX	3799	2300Z
Russia	RU3FM	3507±	0400Z Fri.
Russia	UA1ZO	14027	1800Z+ Wed.



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Russia	UA1ZO	3504±	1000Z+
Sierra Leone	9L1PG	18130±	1800Z
Sierra Leone	9L1PG	14007±	1400Z+
Trinidad	9Y4VU	14010±	2100Z
Zone 29	VK6HD	3504	1140Z

DX Operating Events and DX Gatherings

Jan. 26-28	CQWW 160-Meter CW Contest
Feb. 10-11	PACC Contest
Feb. 17-18	ARRL CW DX Contest
Feb. 23-25	CQWW 160-Meter SSB Contest
Mar. 2-3	ARRL SSB DX Contest
Mar. 30-31	CQWW WPX SSB Contest

Note: The listing of contests on page 88 of the January *CQ* magazine has the 160-meter contest modes reversed. The CW contest is Jan. 26-28; the SSB contest is Feb. 23-25.